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IDEA-0992
Copy 7 of 7

4 October 1962

MEMORANDUM FOR: Deputy Assistant Director, OSA-DD/R
SUBJECT : Maintenance History on Article 378

1. The following is the maintenance history for Article 378 from 1 January 1962 to date of loss:

a. 26 February 1962

Article completed IRAN at Lockheed.
Delivered to Edwards for ferry to
Detachment "H".

b. 31 March 1963

Article arrived Detachment "H".
Ferry mission write-ups. Rough engine
in flight. AC generator inoperative.

CORRECTIVE ACTION: AC generator,
voltage regulator, reverse current
relay replaced after ferry flight.

c. 1 - 13 April 1962

Four test flights accomplished
during this period. All landed with
rough engine and flameout during climb
through badlands write-ups. Engine
change directed by Headquarters. New
engine, #610425, corrected flameout and
roughness difficulties. Engine #610425
remained in aircraft until it was lost
over denied territory. Old engine was
returned to LAC for further flight test
to determine cause of roughness.

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d. 11 August 1962

Twenty-six flights at Detachment "H" from 13 April to date, all with excellent results and only a few minor write-ups. On Headquarters mission this date, DC generator failed after 274 hours operating time. Wiring harness burned.

CORRECTIVE ACTION: DC generator and harness removed and replaced.

e. 8 September 1962

Seven flights made 11 August to date with two minor write-ups. AC generator failed this date on headquarters mission. Aborted three hours and 38 minutes after take-off. AC generator removed and replaced.

f. 9 September 1962

Aircraft lost over denied territory. Circumstances unknown as of date of this memorandum.

g. Fuel

An analysis of the fuel used on the last flight has been made by sampling the tank used to fuel Article prior to flight. The test of this sample indicated the fuel to be within specifications and suitable for flight.

Total Airframe Time - 964:15

Total Engine Time - 322:10

2. In summary, it appears that this aircraft was maintained in excellent condition at all times by Detachment H. A review of maintenance history and the records of Article 378 do not support a conclusion that a maintenance failure was the primary cause of the loss on 9 September 1962.


Chief, Materiel Division
OSA-DD/R

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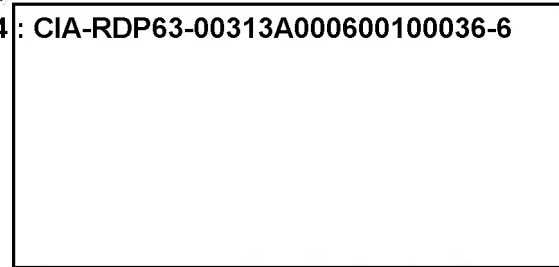
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